

Alternative and Renewable Fuel and Vehicle Technology Program

Innovative Mobility Service Demonstrations with Zero-Emission Vehicles
Pre-Application Workshop
(GFO-16-605)

Kadir Bedir March 23, 2017



AGENDA

Welcome and Introductions

Solicitation Overview

Questions and Answers

Adjourn

ARFVTP's Commitment to Diversity

The Energy Commission adopted a resolution on April 8, 2015 to firmly commit to:

- Increase participation of women, minority, disabled veteran and LGBT business enterprises in program funding opportunities
- Increase outreach and participation by disadvantaged communities
- Increase diversity in participation at Energy Commission proceedings
- Increase diversity in employment and promotional opportunities



Commitment to Diversity

Fairness – Increase funding accessibility to all Californians.

Inclusion – Small businesses make up a significant portion of the U.S. economy.

Job Creation – Projects can create jobs for residents of the under-served communities.

Diversity of Ideas – Great ideas occur in a variety of areas.

Diversity in Communities' Needs – Needs vary widely from one area to the next (air quality, socioeconomic, etc.).

Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP)

Assembly Bill No. 8

CHAPTER 401

An act to amend Sections 41081, 44060 5, 44125, 44225, 44229, 44270, 3, 44271, 44272, 44273, 44274, 44275, 44280, 44381, 44282, 44283, 44287, 442/1, 442/2, 442/3, 442/4, 442/3, 442/0, 442/0, 442/3, 442/3, 442/4, 442/9, 1, and 442/9, 2, and 442/9, and 44 Section 44299 of, the Health and Safety Code, to amend Sections 42885 and 42889 of the Public Resources Code, and to amend Sections 9,250, 29250.2, 92611, and 9853.6 of the Vehicle Code, relating to vehicular air ollution, and declaring the urgency thereof, to take effect immediately.

[Approved by Governor September 28, 2013. Filed with Secretary of State September 28, 2013.]

LEGISLATIVE COUNSEL'S DIGEST

AB 8, Perea. Alternative fuel and vehicle technologies; funding programs.

(1) Existing law establishes the Alternative and Renewable Fuel and Vehicle Technology Program, administered by the State Energy Resources Conservation and Development Commission, to provide to specified entities, appropriation by the Legislature, grants, loans, loan guarantees, upon appropriation by the Legislature, grains, some some prevelopment and revolving loans, or other appropriate measures, for the development and deployment of innovative technologies that would transform California's fuel and vehicle types to help attain the state's climate change goals. Existing law specifies that only certain projects or programs are eligible for funding, including block grants administered by public entities or not-for-profit. including block grants administrated by public entities on non-recording technology entities for multiple projects, education and program promotion within California, and development of alternative and renewable fuel and vehicle technology centers. Existing law requires the commission to develop venture occumonogy centers, transing him requires the commission to develop and adopt an investment plan to determine priorities and opportunities for and adopt an investment plan to determine priorities and opportunities are the program. Existing law also creates the Air Quality Improvement Program, administered by the State Air Resources Board, to fund air quality covernent projects related to fuel and vehicle technologies.

improvement projects retailed to their and senting examples of the conference. This bill would provide that the state board has no authority to enforce any element of its existing clean fuels outlet regulation or other regulation any crement of no examing creat roots requiring any supplier, as defined, to that requires or has the effect of requiring any supplier, as defined, to mat requires or has the effect of requiring any supplier, as defined, to construct, operate, or provide funding for the construction or operation of construct, operate, or provide running for the construction or operation of any publicly available hydrogen-fueling station. The bill would require the any puonery avanante ny orogen-mening stational, a ure viti svound require the state board to aggregate and make available to the public, no later than June state usuaru to aggregate ann mane avantatae to one patone, are laste usual state 30, 2014, and every year thereafter, the number of hydrogen-forled vehicles hat motor vehicle manufacturers project to be sold or leased over the next mat motor venues manuscenters project to oe sont or nanco venues of the 3 years, as reported to the state board, and the number of hydrogen-fineled velucies regarded with the Department of Motor Velucies through April 30. The ball would require the commission to allocate 520 million annually. 30. Lue our wound require use commission to amocine 320 inition authority, as specified, until there are at least 100 publicly available hydrogen-fueling

- AB 8 (Perea, Chapter 401, Statutes of 2013) extends ARFVTP through January 1, 2024.
- Receives up to \$100 million per year to:
 - ✓ Transform California's transportation market into a diverse collection of alternative fuels and technologies and reduce California's dependence on petroleum.
 - ✓ Develop and deploy innovative technologies that transform California's fuel and vehicle types to help attain the state's climate change policies.



Solicitation Purpose

To demonstrate innovative electric vehicle mobility services targeting disadvantaged populations in four specified areas in California.



Funding

- A total of \$3 million funding is currently available.
- No match funding requirement.
- Minimum Award Amount: \$500,000
- Maximum Award Amount: \$750,000
- Energy Commission reserves the right to increase/decrease total funding available under this solicitation.



Eligible Applicants

• This opportunity is open to all public and private entities.

• A single applicant is eligible to receive a maximum of two awards.

• Corporations, LLCs, LPs and LLPs are required to be registered and in good standing with the CA Secretary of State.



Project Requirements

- Projects must provide mobility services (e.g., car sharing, ridesharing, ride-hailing, van pooling)
- Location Requirements:

	Location	Counties
1	Bay Area Metro Area	San Francisco, Alameda, Contra Costa, and San Mateo Counties
2	Sacramento Metro & North San Joaquin	Sacramento, El Dorado, Sutter, Yuba, Yolo, Placer, San Joaquin, Stanislaus, and Merced Counties
3	South San Joaquin	Fresno and Kern Counties
4	East-Central Southern California	San Bernardino, Los Angeles, Orange and Riverside Counties

Must use on-road battery electric vehicles
 (BEVs) and/or fuel cell electric vehicles (FCEVs)
 only.



Project Requirements (cont.)

- Minimum demonstration period: 12 months.
- Latest project agreement completion date: March 31, 2021. Applicants are encouraged to expedite project completion.
- Capable of supporting multiple payment methods.
- Must include a system to validate appropriate use of all participant vehicles.
- Must provide customer support service that is accessible 7/24 via toll-free telephone number.



Project Requirements (cont.)

- Proposals must address infrastructure needs.
 - EV charging stations are eligible for reimbursement.
 - Hydrogen refueling stations are *not* eligible for reimbursement, but may be covered through match share.
- Infrastructure must adhere to Accessibility Requirements.



Application Elements

• **Application Form:** Applicants must complete and submit an Application Form (Attachment 1).

• Project Narrative:

- Detailed description of the proposed demonstration project should be provided.
- Applicants should address each of the scoring criteria described in Section IV.E.
- Limited to 20 pages.



Application Elements (cont.)

- **Scope of Work**: Complete and submit a Scope of Work (Attachment 2).
- Schedule of Products and Due Dates: Complete and submit a schedule (Attachment 4).
- **Budget:** Complete budget forms with all requested budget details (Attachment 5).
- Contact List: Complete contact list (Attachment 6).



Application Elements (cont.)

- Letters of Support/Commitment
- **CEQA Worksheet:** Must complete the CEQA Worksheet (Attachment 7).
- Localized Health Impacts (LHI) Information: Applicants must complete the LHI form (Attachment 8).



Application Submittal Requirements

• Electronic Submittals (preferred)

- Via Grant Solicitation System (GSS): https://gss.energy.ca.gov
- GSS Tutorial:
 http://www.energy.ca.gov/contracts/transportation.html#GFO-16-603

Hard Copy Submittals

- Number of Copies 1 original only (for each application).
- Hard copy submittal via U.S. Mail, in person, or any courier service.
- Must include electronic application files on CD-ROM or USB memory stick adhering to file format requirements.
- All submittals must be *received* by the Energy Commission before the due date and time specified in the solicitation.



Project Selection and Award

- Must pass administrative and technical screening.
- Proposals evaluated in accordance with Evaluation Criteria.
- Minimum Passing Score: 70% (84 of 120 points).
- Proposals are ranked and recommended for funding according to final overall score.



Scoring Criteria

Market Viability	45
Project Implementation	
Team Qualifications & Experience	
Project Budget and Timeline	
Environmental and Economic Benefits	
Innovation and Sustainability	

Total Possible Points: 120
Minimum Passing Score (70%) 84



Project Selection and Award (cont.)

- Funding recommendations and results released through a published Notice of Proposed Award (NOPA).
- Energy Commission will finalize agreement documents.
- Resulting agreements require approval at an Energy Commission Business Meeting.



Grounds for Rejection

- The application is not *received* by the Contracts, Grants and Loans Office by the specified due date and time (according to the type of submission).
- The applicant is not an Eligible Applicant (Section II).
- The project is not an Eligible Project (Section II).
- The applicant does not provide the required authorizations and certifications via GSS or Attachment 1.
- The application contains confidential information.



Grounds for Rejection (cont.)

- The application contains false or intentionally misleading statements or references or is intended to mislead the State in its evaluation of the Application.
- The application does not literally comply, or contains caveats that conflict, with the solicitation.
- The application is not complete or prepared in the format described.



Current Schedule

Solicitation Release March 9, 2017

Pre-Application Workshop March 23, 2017

• Deadline for Questions March 30, 2017 by 5:00pm

• Distribute Answers April 21, 2017

• Application Deadline June 30, 2017 by 5:00pm

Post Notice of Proposed Awards August 2017

Commission Business Meeting October 2017



Questions

Kevyn Piper
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Grants and Loans Office

Attn: Innovative Mobility Service Demonstration Projects

GFO-16-605

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All questions should be submitted in writing and emailed.